

Spill Impact Zone

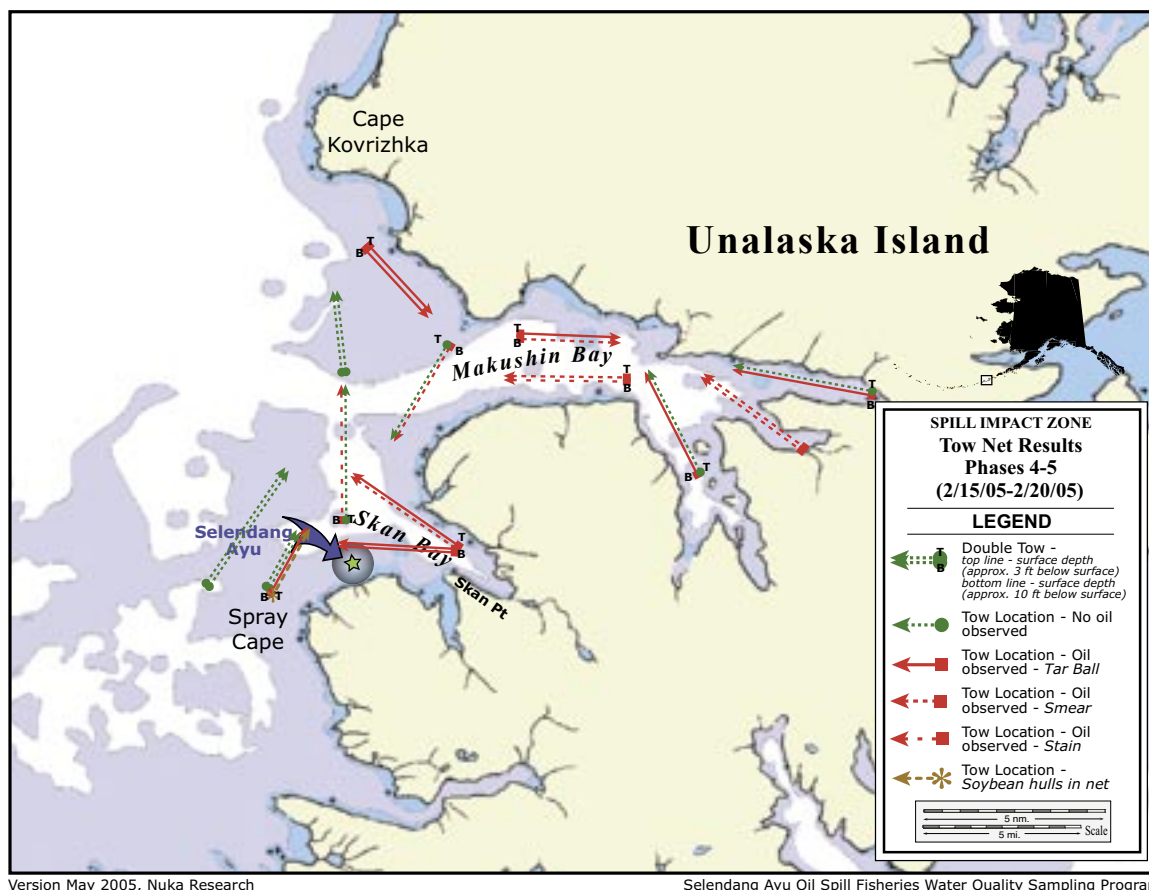
SUMMARY OF ZONAL SAMPLING

During Phase 1 of the sampling program, the *Alaskan Lady* made an initial field screening trip to the Makushin Bay and Skan Bay areas to determine the extent of oiling to groundfish and crab species and commercial crab fishing gear, using fisheries pot sampling. A second survey was conducted in the Spill Impact Zone during Phase 5, using tow net and long line methods. During various phases of the sampling program, seawater strainer results were recorded from the *F/V Sirene*, a vessel of opportunity operating in the Spill Impact Zone.

TOW NET RESULTS

During Phase 5, from February 15-20, 2005, the *Alaskan Lady* completed 28 double-net tows in the Spill Impact Zone. Numerous oil observations were recorded and soybean hulls were also reported in the net. In total, 18 oil observations were noted, most of those multiple-hit observations (Figure 37). The average CPUE for Phase 5 in the Spill Impact Zone was calculated at 16.0 TPM (Appendix K).

Figure 37: Spill Impact Zone Tow Net Results Phase 4-5 (2/15/05- 2/20/05)
See Appendix K for data table.



FISHERIES POT RESULTS

During Phase 1, from December 25-28, 2004, the *Alaskan Lady* set and pulled 24 fisheries pots in the Spill Impact Zone, with 11 oiling observations. All species caught in the pots were examined with organoleptic techniques, and three Tanner crab were suspected to be oiled. One cod was retained; it passed an ADEC seafood safety inspection (Figures 38-40 and Appendix L).

Figure 38: Spill Impact Zone Fisheries Pot Results Phase 1 (12/25/04- 12/28/05)
See Appendix L for data table.

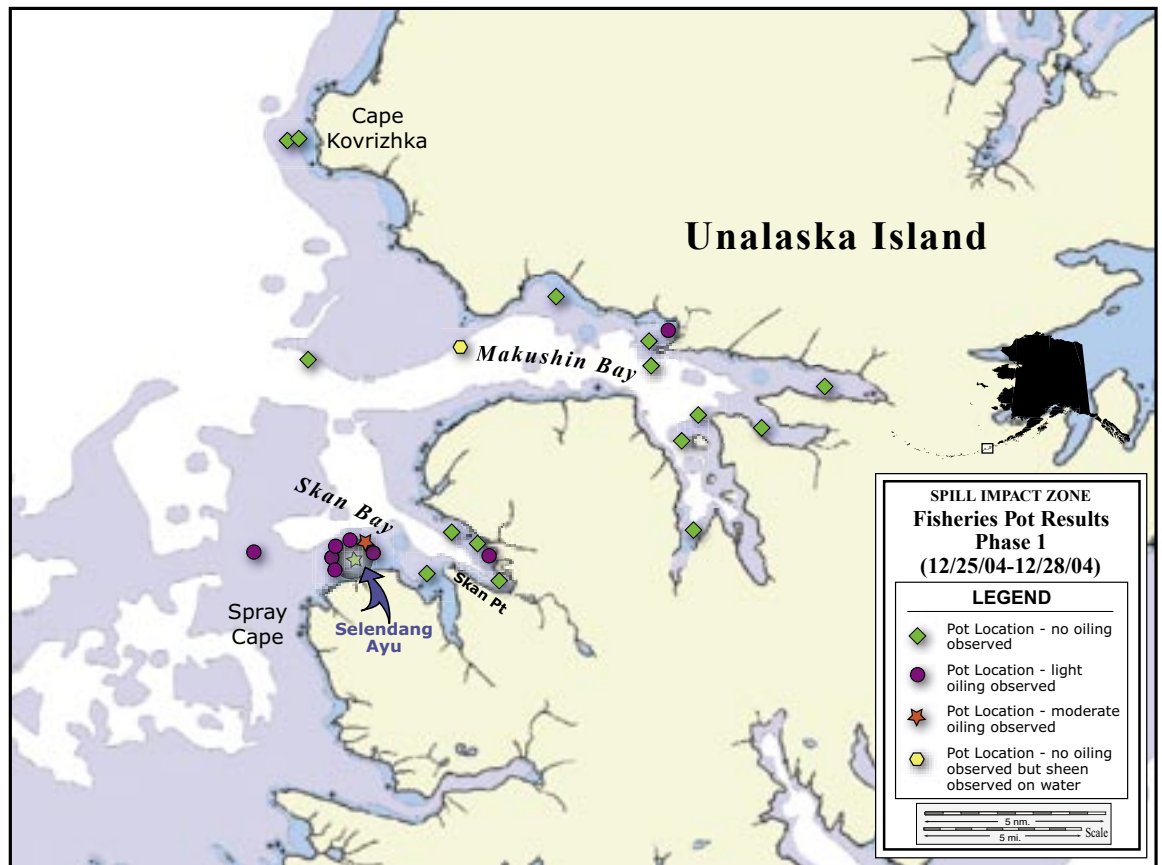


Figure 39: Spill Impact Zone Fisheries Pot Phase 4-5 (2/12/05- 2/16/05)
See Appendix L for data table.

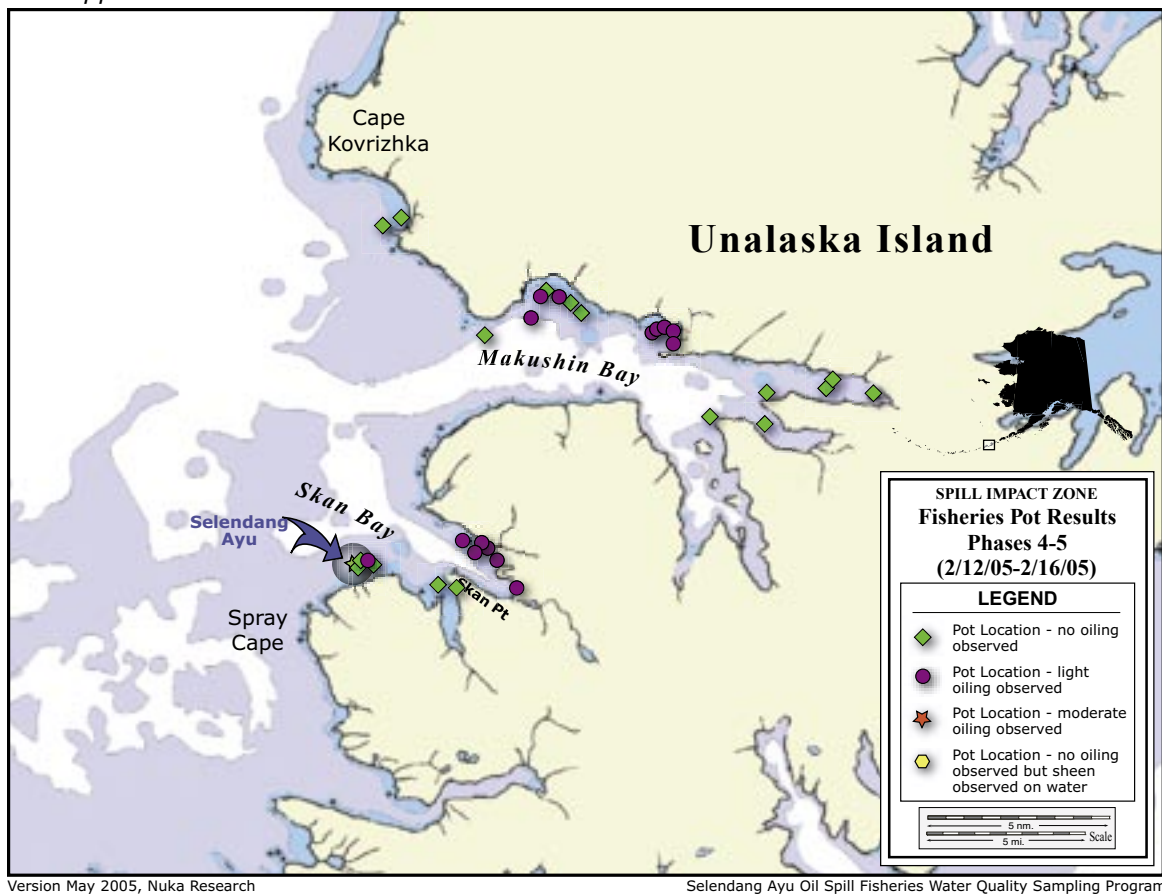
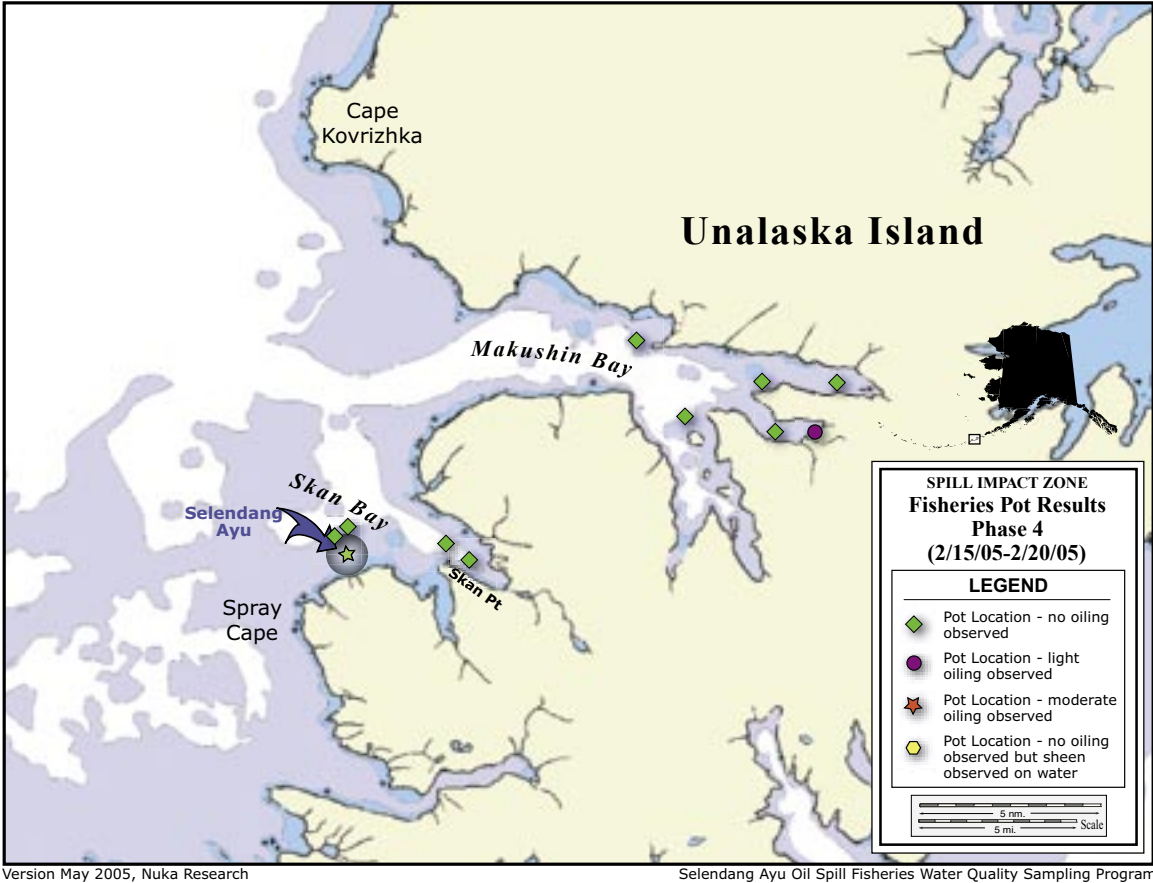


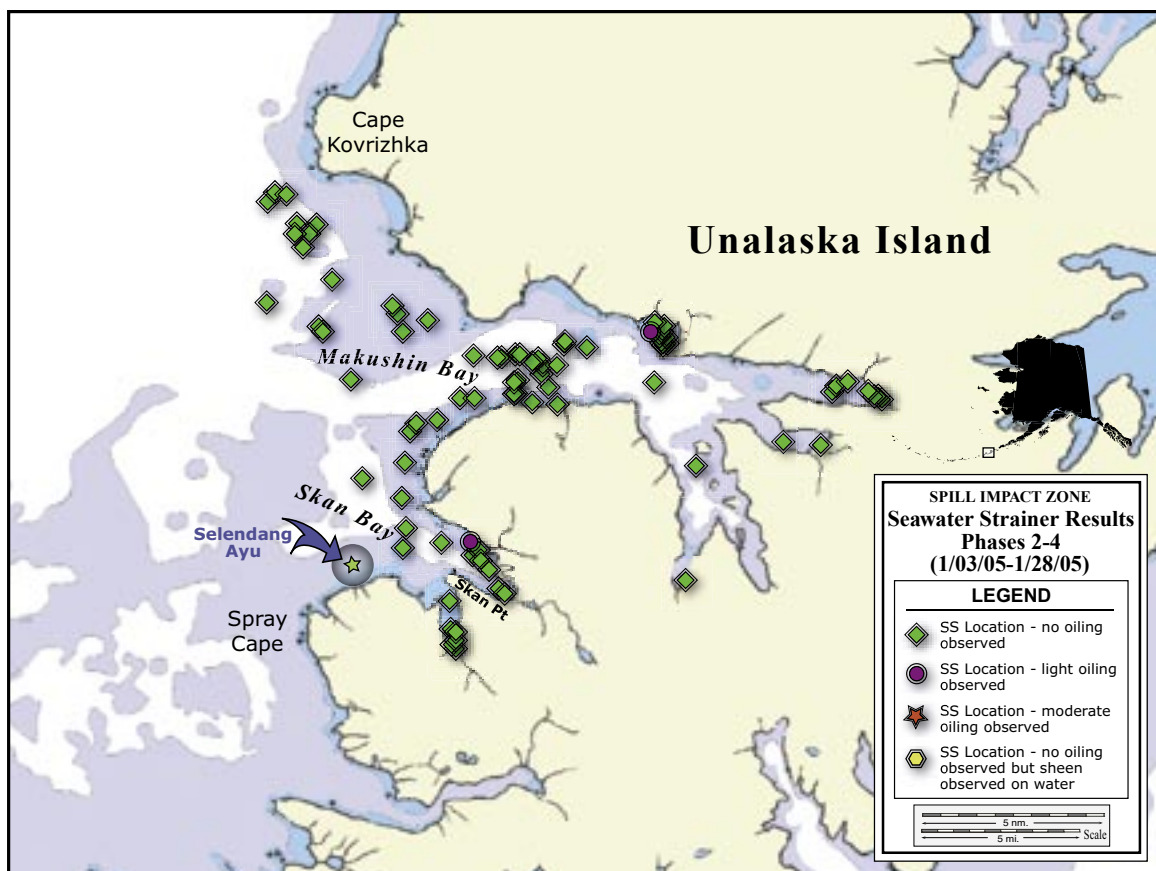
Figure 40: Spill Impact Zone Fisheries Pot Results Phase 4 (2/15/05- 2/20/05)
See Appendix L for data table.



SEAWATER STRAINER RESULTS

The *Sirene* recorded results from a seawater strainer operating on board the vessel every hour during operation hours, and kept records every trip the vessel made to the Spill Impact Zone. From January 3-28, 2005, 89 observations were recorded, two with trace amounts of oil evident in the strainer (Figure 41 and Appendix M).

Figure 41: Spill Impact Zone Seawater Strainer Results Phases 2-4 (1/3/05-1/28/05) See Appendix M for data table.



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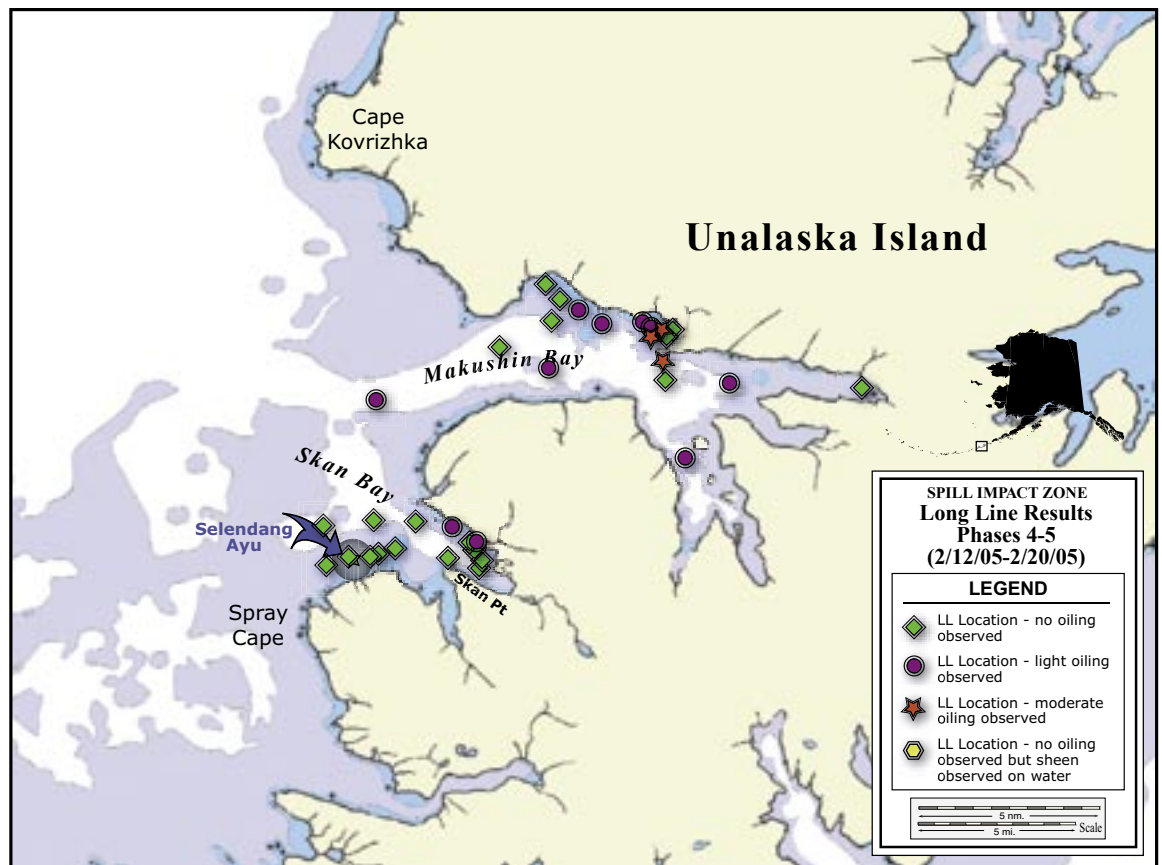
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LONG LINE RESULTS

During Phase 4, two long line skates were set in the Spill Impact Zone, one in Makushin Bay and one in Skan Bay in close proximity to the wreck. The skates were set by the Alaskan Lady while in transit to complete a survey in the South of Spill Impact Zone. Oil was observed on several snares along the long line set in Skan Bay (Figure 45 and Appendix N).

During Phase 5, the Alaskan Lady conducted a more comprehensive series long line studies in the Spill Impact Zone. Of 32 long line sets, 12 oil observations were reported either on the snare or on the long line. In most cases of oil encounters, multiple observations were reported per set (Figure 42 and Appendix N).

Figure 42: Spill Impact Zone Long Line Results Phases 4-5 (2/12/05- 2/20/05)
See Appendix N for data table.



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